2nd EDITION OF THE INTERNATIONAL CONFERENCE ON ADVANCES IN SUSTAINABLE RESEARCH FOR ENERGY AND ENVIRONMENTAL MANAGEMENT

(ASREEM 2.0)

ASREEM

RENDEZVOUS FOR SUSTAINABLE FUTURE

Department of Chemical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat- 395007

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Website Link: www.asreem.in

Dates: 15-17 May 2026

ASREEM 2.0 will feature a comprehensive technical program covering the latest research and innovation in energy and environmental researches. The conference will bring together leading researchers, engineers, and scientists in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

TRACKS OF ASREEM 2.0

- **RESEARCH PAPERS, REVIEW PAPERS, CASE STUDIES, ETC. ARE WELCOME ON THE BELOW TOPICS.**
- **FOLLOWING LIST IS NOT INCLUSIVE. NEARBY TOPICS BASED ON THE THEME ARE WELCOME.**

TRACK 1
Sustainable Water Governance, Policy, and Management

- Water governance and regulatory frameworks at local, regional, and national levels
- Integrated Water Resources Management (IWRM) and Challenges for efficient urban water management.
- Water security and access for all (SDG 6)
- Water economics, pricing, and financing mechanisms
- Role of stakeholders and participatory decision-making
- Policy implementation for sustainable water and sanitation systems

TRACK 2
Innovative Technologies and Digital Solutions for Water Conservation and Environmental Management

- Smart systems and Digital Twin technology for Reduce, Reuse & Recycling
- Remote sensing and data analytics for monitoring
- ·Decentralized and modular water treatment systems
- ·AI and machine learning-driven predictive tools for environmental management
- Digitalization and traceability using Blockchain, IoT, and AI towards best practices
- Net-Zero strategies (carbon capture, utilization, storage, pathways to net-zero carbon emission for cities and industries)

TRACK 3
Environmental Conservation, treatment & Sustainability

- Sustainable water resource management and conservation practices
- Pollution control & waste management for air, water, and solid,
- Wastewater treatment technologies and recycling/reuse and resource recovery
- Membrane technology advancements for separation, purification & reuse
- Advanced and hybrid technologies for waste management and resource recovery
- Sustainable fuels, green hydrogen, fuel cells, eco-friendly industrial practices.

TRACK 4
Emerging Materials, Nanotechnology, and Advanced Treatment Technologies

- Nanotechnology for waste management and energy conservation
- Nano-medicine and healthcare, drug delivery systems, nanotoxicity and environmental impacts
- Advanced oxidation processes and sonochemistry for emerging contaminants
- Smart materials, 3D printing, energy storage (electrochemical devices, batteries, impacts, etc.) for environmental applications
- Biotechnology, Bioinformatics, Biocatalyst

TRACK 5
Waste Management and Circular Economy

- Solid waste, E-waste, and hazardous waste management
- Waste-to-energy concepts and sustainable practices
- Plastics waste and biodegradable polymers: challenges and innovations
- Thermochemical and hydrothermal techniques for waste management
- Biofuel cells and bioenergetics towards sustainable development
- Segregation of waste: Challenges & innovations

TRACK 6
Sustainable and Green Process Technologies

- Sustainable and green chemistry for environmental remediation
- Catalysis and reaction engineering for clean product formation
- Refining and petrochemical sustainability
- Chemicals derived from biomass, waste valorization using green extraction techniques & environmental impact
- Microfluidics, process intensification using microreactors and applications
- Process intensification, modelling, and simulation (CFD) for waste management

TRACK 7
Sustainable Development Goals, Policy, and Entrepreneurship

- Sustainable Development Goals (SDGs) and smart cities, climate change
- Advances in renewable energy technologies (Solar, Wind, Hydro, Geothermal, biomass etc.)
- Energy efficiency & conversion strategies for improving energy use in buildings, industries, & transportation.
- Entrepreneurship and innovation in environmental management
- Environmental policy, health assessment, regulation, and implementation strategies
- Sustainable resource management, life cycle analysis (LCA), Techno-Economical Assessment (TEA) and supply chain etc.

TRACK 8
Industrial Best Practices towards Waste Management and Environmental Restoration

- Zero Liquid Discharge (ZLD) practices and reject management
- Industrial wastewater management and sustainable practices (circular economy models)
- Environmental monitoring, Policies, Regulations, Governance, and Water-Energy Nexus
- Industry-Specific Sessions: Case studies and best practices from various sectors
- Waste-to-Energy (WtE) technologies, innovations & digitalization
- Industry-Academia symbiosis towards sustainable practices (Challenges & Solutions)

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- Participants need to submit the abstracts as per the format provided on website (www.asreem.in) on following google link: https://forms.gle/B8QHHTja4SRSoTw38
- Acceptance of abstract for presentation will be provided through mail (asreem.svnit@gmail.com)

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FORMAT OF ABSTRACT AND CAMERA READY PAPER IS GIVEN ON OFFICIAL WEBSITE OF ASREEM 2.0

DATES

Last Date of Abstract Submission:	31 Jan. 2026
Last Date of Abstract Acceptance:	15 Feb. 2026
Last Date of Fees Payment:	28 Feb. 2026
Conference Dates:	**15-17 May. 2026**

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- All accepted abstracts will be published in Conference Proceedings subject to the quality of Presentation, Originality check author's/authors consent.
- Selected full-length papers will be published in SCI/Scopus indexed

AWARDS

- Best Oral Presentation Award
- Best Poster Presentation Award
- Best Research Documentary Award(Maximum two minute video)
- Young Achiever Award(age $\leqslant$ 35 years)

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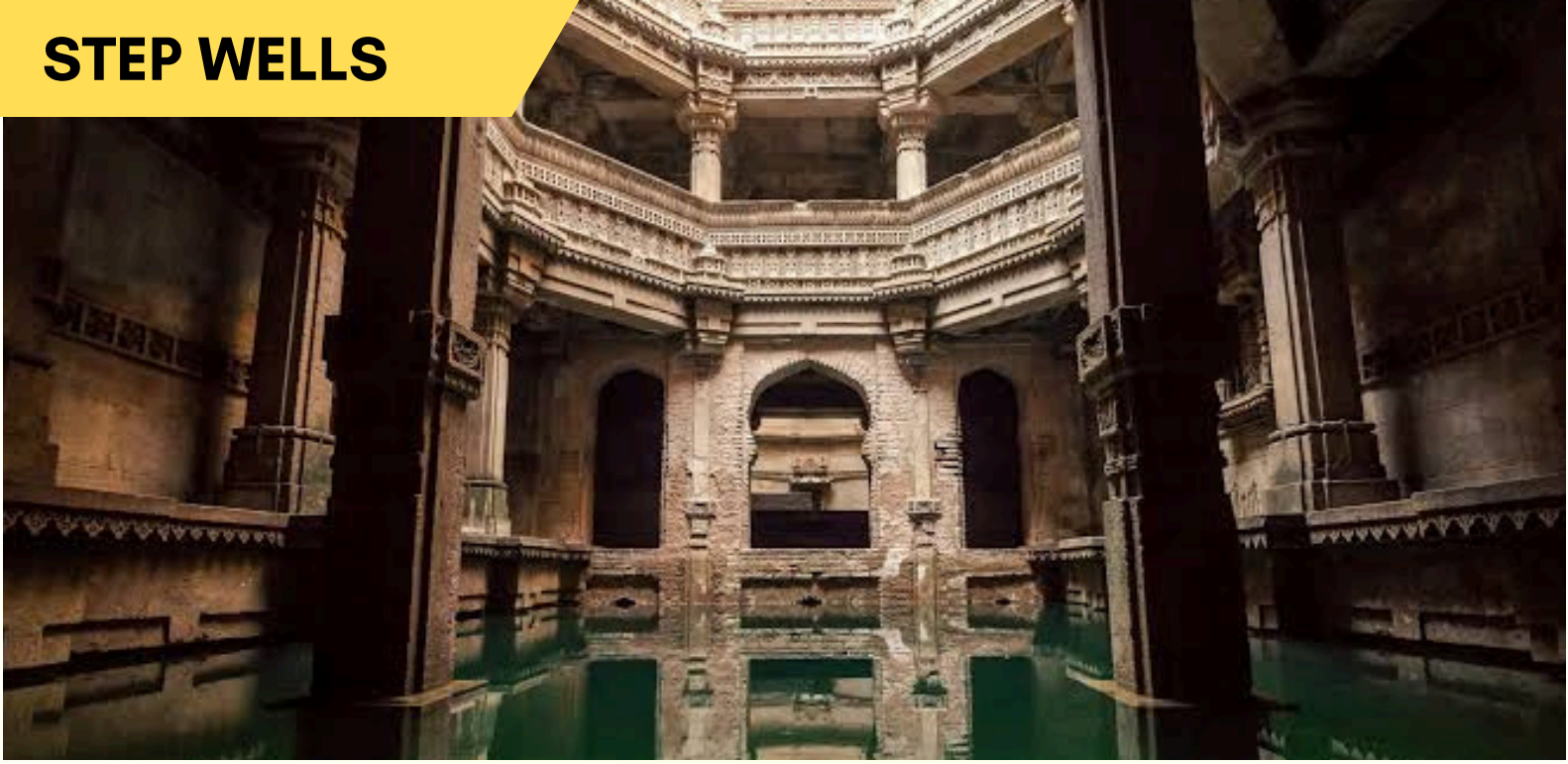

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